

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 September 2000 (21.09.2000)

PCT

(10) International Publication Number
WO 00/55338 A1

- (51) International Patent Classification⁷: C12N 15/82. 15/52, 9/10, A01H 5/00
- (21) International Application Number: PCT/EP00/02130
- (22) International Filing Date: 10 March 2000 (10.03.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
99870046.2 12 March 1999 (12.03.1999) EP
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- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— With international search report.
- (48) Date of publication of this corrected version:
15 March 2001
- (15) Information about Correction:
see PCT Gazette No. 11/2001 of 15 March 2001, Section II
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SESQUITERPENOID SYNTHASE GENES AND THEIR USE FOR INFLUENCING BITTERNESS AND RESISTANCE IN PLANTS

(57) Abstract: This invention relates to the use of sesquiterpenoid synthase genes, particularly genes encoding germacrene A synthase, to modulate (i.e. repress, induce or increase) the expression or activity of sesquiterpenoid synthases in plants, so as to directly or indirectly influence taste, the production of sesquiterpene lactones, and/or resistance against insects, nematodes, micro-organisms and vertebrate herbivores in the plant.

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